



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090489

Mode: Highway

Status: Submitted

NC-132 (College Road)

From/Cross Street: Shipyard Boulevard

Specific Improvement Type: 1 - Widen Existing Roadway

To: Wilshire Boulevard

Project Category: Statewide Mobility

Length: 1.21

TIP#: U-4718

Fully Funded in Draft STIP? Yes **Statewide Mobility**

Cost to NCDOT: \$13,986,000

Description:

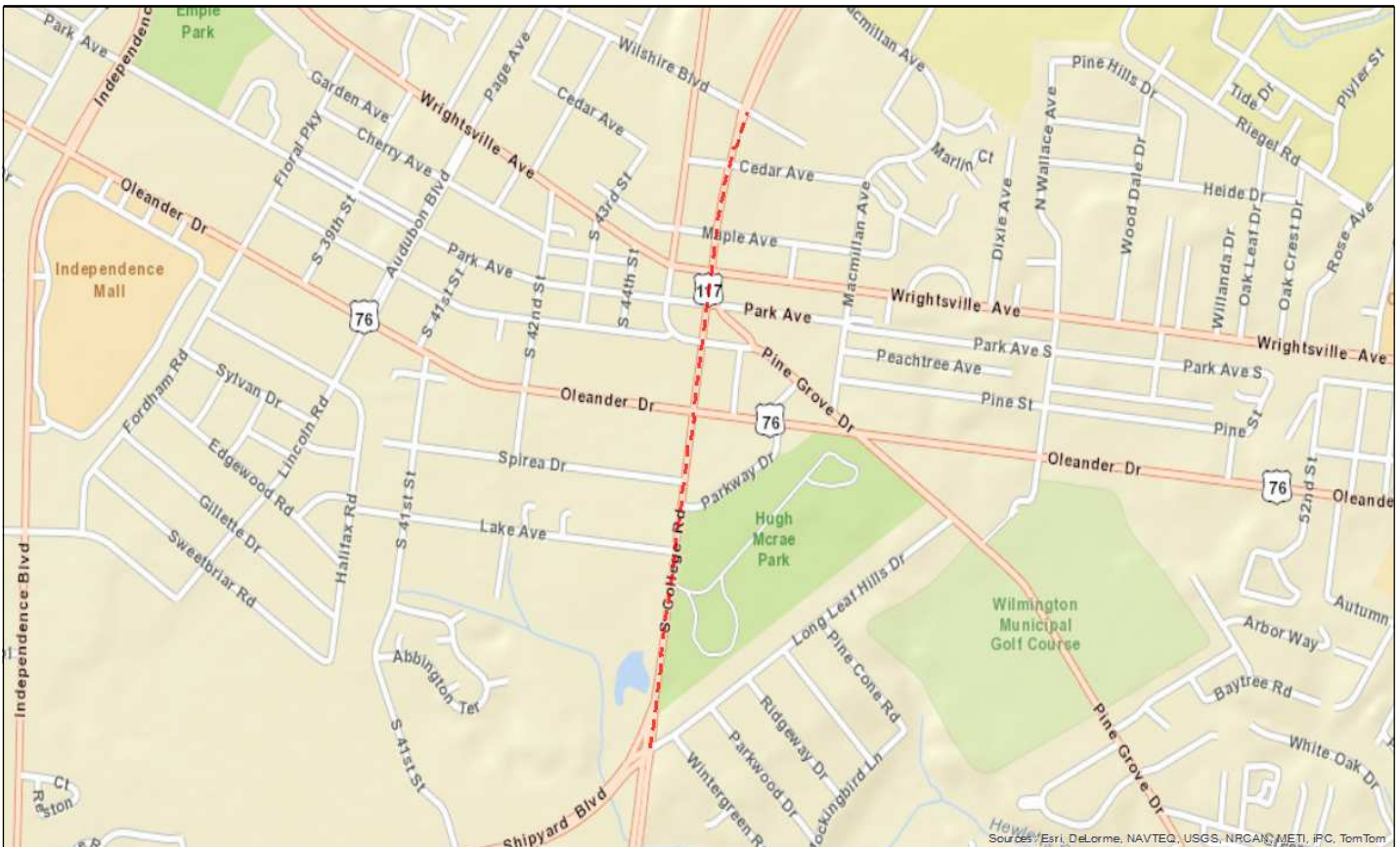
Construct An Additional Northbound Through Lane on College Road from Shipyard Boulevard to Wilshire Boulevard

Division(s): Division 3

County(s): NEW HANOVER

MPOS(s)/RPO(s): Wilmington Urban Area MPO

Project Location



Statewide Mobility Total Score: 49.81

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 95.81 Safety (10%) 59.76 Economic Competitiveness (10%) 21.24 Multimodal + [Freight & Military] (20%) 37.77 [Travel Time] Benefit/Cost (30%) 18.06	N/A	N/A
Totals: Weight: 100% Weighted Score: 49.81		

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 59.76 Multimodal + [Freight & Military] (25%) 37.77 [Travel Time] Benefit/Cost (20%) 18.06	Percent: 15% Points:	Percent: 15% Points:
Totals: Weight: 70% Weighted Score: 28		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 95.81 Safety (20%) 59.76 Multimodal + [Freight & Military] (10%) 37.77	Percent: 25% Points:	Percent: 25% Points:
Totals: Weight: 50% Weighted Score: 34.89		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	1.21
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	42847.02
Capacity:	32679.92
Volume/Capacity Ratio:	1.31
% Autos:	98%
% Trucks:	2%
Truck Volume:	999.03
Crash Density:	67.23
Crash Severity:	44.84
Critical Crash Rate:	67.23
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	Yes
Average Commuting Time:	17
Existing Median Type (for Cost Estimation):	TWLT
Pavement Condition Rating:	46
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	6F - 6 Lane Divided (17'-6" Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	1.21
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	11371597.52
Travel Time Savings for 30 Years (Autos):	11106454.13
Travel Time Savings for 30 Years (Trucks):	265143.39
Long-Term Employment:	181.88
% Change in Economy:	0.00024292
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 3	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Wilmington Urban Area MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$7,771,000	Cost Estimation Tool
Right-of-Way Cost:	\$5,549,000	Cost Estimation Tool
Utilities Cost:	\$666,000	Cost Estimation Tool
Total Project Cost:	\$13,986,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$13,986,000	